Application No.: 10/592,943

Art Unit: 2828

Response under 37 CFR §1.114

Attorney Docket No.: 062998

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): A semiconductor laser element comprising:

a plurality of ridges arranged in parallel with each other inside a pair of first supports

protecting said ridges;

a pair of second support supports provided between said plurality of ridges and protecting

said ridges

a monitor region provided to an outermost edge of said semiconductor laser element to

monitor progress of etching wherein said monitor region serves as an isolation groove to isolate

said semiconductor laser element and

wherein adjacent sidewalls of said pair of second supports extend directly downward into

an underlying substrate forming said a second isolation groove between said adjacent sidewalls

is located directly between said second support.

2. (Original): The semiconductor laser element according to Claim 1, wherein said

second support is provided corresponding to each ridge.

3-4 (Cancelled).

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5. (Original): The semiconductor laser element according to Claim 1, wherein a distance

from a center of said ridge to ends of said first and second supports on sides thereof facing said

ridge is set within a range from more than 20 μ m to less than 50 μ m.

6. (Original): The semiconductor laser element according to Claim 5, wherein said

distance is set within a range from more than 20 µm to 40 µm or less.

7. (Original): The semiconductor laser element according to Claim 5, wherein said

distance is set within a range from more than 20 µm to 33 µm or less.

8. (Original): The semiconductor laser element according to Claim 5, wherein said

distance is set within a range from 30 µm or more to 33 µm or less.

9. (Original): The semiconductor laser element according to Claim 1, wherein a ratio of

a width of said first and second supports relative to a chip width of said semiconductor laser

element is set within a range from more than 33% to less than 52%.

10. (Original): The semiconductor laser element according to Claim 9, wherein the ratio

of the width of said first and second supports relative to the chip width of said semiconductor

laser element is set within a range from more than 44% to less than 50%.

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11. (Original): The semiconductor laser element according to Claim 1, wherein a ratio

of an area of said first and second supports relative to an area of said semiconductor laser

element is set within a range from more than 33% to less than 52%.

12. (Original): The semiconductor laser element according to Claim 11, wherein the

ratio of the area of said first and second supports relative to the area of said semiconductor laser

element is set within a range from more than 44% to less than 50%.

13. (Previously presented): A method for manufacturing the semiconductor laser

element according to Claim 1 or 2, comprising:

arranging a plurality of ridges in parallel with each other on an element surface and

providing each ridge with a plurality of supports to sandwich each ridge;

providing a block layer on surfaces of said ridges and said supports;

applying a protective film by spin coating to a surface of said block layer;

removing said protective film covering a top surface of said ridges;

removing said block layer covering the top surface of said ridges with said protective film

serving as a mask; and

providing an electrode layer covering said ridges.

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